

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (187)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (194)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (213)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (242)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (258)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (270)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (279)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (281)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (299)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (312)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (316)

<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (322)..(323)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (361)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (409)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (414)..(415)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (457)..(458)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (468)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (480)..(481)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (487)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (489)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (493)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (511)
<223> a, t, c, g, other or unknown

<220>
<221> modified_base
<222> (515)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (558)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (565)

<223> a, t, c, g, other or unknown

<220>

<221> modified_base

<222> (575)

<223> a, t, c, g, other or unknown

<400> 114

```
agggtgaccgt atgagcaagg aaannaccgc actggctccc agcagcatga acanccaggt 60
cccaaccata naccncttgg agaangtgat caagatatta gcgacagtgt nattgtacnt 120
ctcnccaaac acattataca cgataagaga gcntaaacta ctctattcct ttgacgnagt 180
gactacntga gtanaagcga tcattatctt gcnaactttg catgaaaaac aacaaaccca 240
cntccagttt ctctatantc tggccccacn atgaataana ntccctgccat aataatgant 300
ctttgtcccc anaganaaat tnnataagac aggagcccac tgttgcttgc atgactacca 360
ntcactttta ggcggttgca atcccgttcc taaccatctc cataccatng gcanncttta 420
ctttccaact gcccaagact gtgaacaggg cgggttcnnac cctataantt ttagcctctn 480
ntcgaancnc ttnttttcgt tccccgaaa nccgnttccc accctttgga accttttttt 540
tttgccgggc cccaggcnaa ttctncaatt ccccctggg ggg 583
```

<210> 115

<211> 443

<212> DNA

<213> Pinus taeda

<400> 115

```
agggtgaccgt ggcgagggtt agggaagttt gactttctcat tttctcacgc actcctctcc 60
ctcgtaacct cggtcgagtc gatggcggct ttttagtoga gtgtgctaac gcaccctccg 120
ggcctcaaaa tttccagcta ctcgattttg atcaatgctg aaatcgcgta atcacgtaga 180
taataaagcg taatgaattc tataatgaag catgtttctc tatagtccat gttgccgaga 240
aggaataatg aaaatgaagc cttatatatt atctggggct caaggagatg ttatcttttc 300
tcttccttgg ttagagaccg tcaccttcac tttgaattgg ataaagcttc atttgtttaa 360
gacctccac ccgtaaatac atacggttagc cttcttatgt tagaaacata cgtcacctac 420
gcagaattgt tagaatgaaa tga 443
```

<210> 116

<211> 483

<212> DNA

<213> Pinus taeda

<400> 116

```
agggtgaccgt ggaacaagat gattagttct catgcggggc aggatgatta gttctcctat 60
ggcaactgtt ggacaggatg attcggttctc ctgtggacag gatgattagt tctcctatcg 120
aggcatccta cccaagcagt ttgggactca tgggaagtac ctctcatctg atcaatgagt 180
aggaaatggg gttaggggacc attaagtagt attatcgatg gatgcattgt tgtatctatt 240
gtactcccta tgctagaatg aactccattg atctgggatc aatgaatact gtttctggga 300
atcattgaaa atttgatatga acacactctg aacactgaat ttccggttca ttggaagaga 360
```